

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A security lever lock assembly adapted to operate in combination with a computer having a front wall, rear wall, two side walls, a top wall, and a bottom wall, one of said walls having an open security slot formed therein, comprising:

a cylindrical assembly with a front portion adapted to being inserted into said security slot, said front portion being comprised of two elongated lever elements, each said lever element terminating in a half crossbar, each said lever element being pivotally attached to the cylindrical assembly, said lever elements being adapted to being pivoted in a scissors motion within the security slot by a camming action of a cam lock;

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

an anchored locking cable removably joined to said
cylindrical assembly [.] ;

a cam lock assembly joined to said cylindrical assembly,
wherein said cam lock assembly is comprised of:

a key operated lock mechanism with internal
indents adapted to hold a key rotational
turn at either 0° or 90°, said lock
mechanism having a rear portion adapted
to receive the key, a forward portion
and a cylindrical body defined by said
rear and forward portions, said lock
mechanism having a circular opening
formed in its wall, said opening adapted
to receive a pin, said rear portion and
forward portion defining a lock mechanism
longitudinal axis, said lock mechanism
longitudinal axis being concentric with a
central longitudinal axis of the
cylindrical assembly, said lock mechanism
forward portion having a central,
generally rectangular block element

Appl. No. 10/782,175

Amdt. dated August 31, 2004

Reply to Office Action of August 27, 2004

protruding outward therefrom in a forward direction along a forward central longitudinal axis of the lock mechanism, said lock mechanism being adapted to cause a radial turn of the block element with a radial movement the key 90°; and

a cam unit adapted to receive the block element, said cam unit having a rear wall from which cylindrical side walls extend horizontally forward, said cam unit being generally cylindrical in shape, said cam unit having a longitudinal axis generally perpendicular to the rear wall, said cam unit having a front wall connected to said cylindrical side walls, said front wall being generally parallel to said rear wall, said cam unit rear wall having a generally rectangular, central aperture formed therein, said aperture adapted to receive the lock mechanism forward block element, said cam unit front wall having an elongated central slot formed therein,

Appl. No. 10/782,175

Amdt. dated August 31, 2004

Reply to Office Action of August 27, 2004

said slot and aperture each have a longitudinal axis perpendicular to the cam unit longitudinal axis.

Claim 2 (original) A security lever lock assembly as recited in claim 1, wherein said cylindrical assembly is comprised of:

a hollow cylindrical encasement element having two ends, an open entry end and an exit end, and a cylindrically curved wall extending from the entry end to the exit end, said entry end, exit end and wall defining a hollow interior, said wall having an exterior surface and an interior surface, said exit end being closed with a flat end wall having a small, central, elongated opening therein, said encasement element having a threaded radial channel formed in the wall exterior surface adjacent the encasement element exit end and a shallow, smooth radial channel formed in the wall exterior surface rearward toward the encasement element entry end, said encasement element having a circular radial opening formed in the smooth radial channel, said

Appl. No. 10/782,175

Amdt. dated August 31, 2004

Reply to Office Action of August 27, 2004

encasement element having another circular radial opening formed in the threaded radial channel into which a small spring and small ball are inserted, said encasement element interior being formed into two sections, an entry end interior and an exit end interior, said exit end interior being that portion of the encasement element defined by the threaded radial channel and exit end, said exit end interior having a diameter less than an entry end interior diameter, said encasement element having said two elongated lever elements extending through the exit end opening into the encasement element interior, said lever elements being pivotally pinned in position by a pin extending through the opening in the threaded radial channel, each said lever having a body defined by rearward end positioned within the encasement element interior and a forward end protruding out of the encasement element and terminating in a half crossbar giving the lever the general shape of an inverted "L", each said lever having a longitudinal axis defined by the rearward end and the forward end, said longitudinal axis of

Appl. No. 10/782,175

Amdt. dated August 31, 2004

Reply to Office Action of August 27, 2004

each lever in an unlocked positioned being generally perpendicular to the plane of the end wall and parallel to the cylindrical encasement element longitudinal central axis, each said lever body having a generally rectangular cross-section, each lever rearward end terminating in a cylindrical shaft with a central axis coincident with the longitudinal central axis of the lever, each lever body having an aperture formed through it at each lever's approximate longitudinal midpoint, each said lever being adapted to pivotally rotate about the pin positioned through the aperture, one lever pivoting in one direction and the other lever pivoting in an opposite direction, thereby forming a scissor crossing effect, the body of each lever element being substantially contained within the encasement element exit end interior, each lever cylindrical shaft protruding into the encasement element entry end interior; and

a cable lock housing positioned over said encasement element;

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

wherein said encasement element and cable lock housing
have concentric central axes defining longitudinal
axes for each element.

Claim 3 (original) A security lever lock assembly as recited in
claim 2, wherein:

the lock mechanism and cam unit each have an external
diameter of approximately the same dimension, said
external diameters of the lock mechanism and cam
unit being slightly less than the diameter of the
encasement element entry end interior and greater
than the diameter of the encasement element exit
end interior, said lock assembly being adapted to
fit substantially into the encasement element entry
end interior, cam unit front wall first, each said
lever element cylindrical shaft fitted into the cam
unit front wall slot, said lock mechanism body
opening being aligned with the encasement element
circular opening.

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

Claim 4 (original) A security lever lock assembly as recited in
claim 3, wherein:

the cable lock housing has an enclosed front end from
which a cylindrical side wall extends to an open
rear end, said front end and rear end defining a
cable lock housing longitudinal axis, said front
end, side wall and rear end defining a cable lock
housing hollow interior, said cable lock housing
body being generally cylindrical in shape, said
cable lock housing front end having a generally
circular aperture formed centrally therein, said
side wall having an exterior surface and an
interior surface, said side wall exterior surface
having a rounded, radially protruding, elongated
element formed thereon extending longitudinally
from the housing rear end to an approximate housing
longitudinal midpoint, said protruding, elongated
element having a closed forward end, an open
rearward end, a radially rounded top and a bottom
formed from the housing side wall, said forward end
and rearward end defining a protruding element

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

longitudinal axis, said protruding element
longitudinal axis being parallel to the cable lock
housing longitudinal axis, said forward end,
rearward end, top and bottom defining a protruding
element interior, said protruding element being
divided longitudinally into a forward section and a
rearward section, said forward section having an
inwardly protruding spring-loaded ball embedded in
the forward section protruding element bottom
projecting inwardly toward a cable lock housing
central longitudinal axis, said protruding spring-
loaded ball adapted to engage the encasement
element smooth radial channel, said protruding
element rearward section having a hollow interior,
said bottom portion of the protruding element
rearward section being open, said protruding
element rearward section interior having a radial
channel formed within a portion adjacent the
protruding element forward section interior
portion, said radial channel having a diameter
greater than a diameter of the open rearward end,
and a bottom opening greater than a bottom opening

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

of the open rear end.

Claim 5 (original): A security lever lock assembly as recited in
claim 4, wherein:

the anchored locking cable has two ends, an anchored end
and a holding end, said cable holding end being
comprised of a cylindrical shank terminating in a
disk having a diameter greater than said shank,
said anchored locking cable adapted to be connected
to the cable lock housing by insertion of the
anchor cable disk into the protruding element
radial channel through the protruding element
rearward section open bottom and threading the
cable shank through the protruding element rearward
end, said encasement element inserted into the
cable lock housing interior securing the cable
within the protruding element radial channel.

Appl. No. 10/782,175
Amdt. dated August 31, 2004
Reply to Office Action of August 27, 2004

Claim 6 (original): A security lever lock assembly as recited in
claim 5, wherein:

the encasement element is further comprised of a ring
having an outer surface and a threaded inner
surface, said ring being adapted to threadingly
engage the encasement element threaded channel,
said ring having a radial outer diameter equal to
the radial outer diameter of encasement exterior
surface.

Claim 7 (original): A security lever lock assembly as recited in
claim 6, further comprising:

an adjustment spacer comprised of a round, flat piece
with an elongated aperture formed centrally
therein, said spacer having a thickness equal to
a thickness of the housing front end, said
adjustment spacer adapted to being fitted over the
protruding lever elements in place of the cable
lock housing.